

Q 4

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

begin integer dec;

select (17);

write text (<

until dec. (0 enslut): >);

for n := readinteger while n > 0 do

begin integer array a[4: dec + <sup>12</sup>~~12~~];

integer ~~read~~ n, d, t, m, s, h; d := dec + <sup>12</sup>~~12~~;

for n := <sup>13</sup>~~12~~ step + 1 until ~~12~~ do

begin t := leg n;

~~if t = 0 then~~ (t < 1 or t > 9) if (t < 9 or t > 1) or t = 10

~~begin~~ a[n] := (if t = 16 then 0 else t) <sup>1</sup> t < 64

else if t < 0 or t > 63 or t > 127 then

begin write text (<

gal chan: >);

write chan(t);

goto end

end

end for n;

for n := 1 step 1 until 39 do

begin s := 0;

for m := d step -1 until 1 do

begin h := 2 \* a[m] + s;

if h > 10 then begin a[m] := h - 10; s := 1 end

else begin a[m] := h; s := 0 end

end; if s = 1 then begin select (16); write text (<

end;

shift program >);

goto end

end

down := 1 step 1  
until d do  
a[n] := b[n] - 0;

Select (0);

~~do~~ select (8);

write cr; writechar(58); writechar(16);

writechar(59);

~~for~~ n:=13 step 1 until d ~~do~~

writechar(if b[n]=0 then 16 ~~else~~ 6[n]);

writetest(k<x2439#\*);

~~for~~ n:=1 step 1 until 12 ~~do~~

writechar(if a[n]=0 then 16 ~~else~~ a[n]);

writechar(59);

~~for~~ n:=13 step 1 until d ~~do~~

writechar(if a[n]=0 then 16 ~~else~~ a[n]);

~~do~~ ~~write~~ cr;

select(17);

writetest(k<

dec:#\*)#

end;

end;

end

real procedure gammaa(y);

value y; real y;

begin real h, en, to, stor;

en:=h:=1.0; to:=2.0; stor:=~~10~~ 150;

code en, to, y, h, stor;  
3,45

e1: arnt pa3, [240] ; e18

hh n e3 NZ ; if y ≠ 0 then goto e3;

arnt pa5, ~~814000~~ ; <sup>gain</sup> M:=stor; goto e10

e3: ~~814000~~ snt pa2; e3:

hh n e40 LZ ~~814000~~ ; if y = 2.0 then goto <sup>right</sup> e10  
<sub>e gammaa: e10</sub>

hh n e4 NT ; if y > 2.0 then goto e4;

arnt pa4, dkt pa3 ; h:=h/y;

grt pa4, arnt pa3 ; y:=y+1.0; 111011

ent pa1, grt pa3 ; goto e1; 1000000

e4: hw n e1, snt pa1 ; e4: if y < 3.0 then goto e5;

hw n e5 LT ;

arnt pa3, snt pa1; y:=y-1.0;

grt pa3, mkt pa4; h:=h\*y;

~~grt~~ grt pa4, hw n e1; goto e1;

e5: arnt pa3, snt pa2;

tkd 10, gr pa5 ; stor:=y-2; (~~fixed point~~)

par n 1 ~~18~~ ; init count number; R:=0;

ar n ~~inserted~~ . X ~~18~~ ; ~~18~~ M:=R+alcont;

mk n pa5 V LTA; if a-mark then R:=M~~stor~~ ;

mk n pa5, hw n -2 ; R:=M~~stor~~ ; goto en; ~~end~~

mkd 0, arnt pa1 ; float; gain:=gam+1;

mkd pa4, hw n e10 ; gain:=gain x h; goto e10;

[a[1]]:

232 42 81 462 43 a

2 2 6 4 1 1 6 1 5 9 0 2

4 4 8 4 7 3 8 9 4 1 6

4 0 8 1 8 7 7 2 9 2 7

- 1 4 6 3 3 7 6 2 8

6 1 2 9 6 2 0 2 7 9

- 1 5 5 9 3 6 1 7 6 1

1 1 8 3 0 9 7 2 2 8

- 4 6 0 4 5 0 5 5

2 0 6 3 5 9 1 2 0

- 6 6 7 4 9 8 9 3

1 5 3 8 3 9 7 6

- 1 6 6 5 8 6 5 ~~114~~

e 108 gr 4 pa 4, 99

° h<sub>0</sub> = gam<sup>3</sup>

e°

gamma 8 = h

end gamma°